JVC
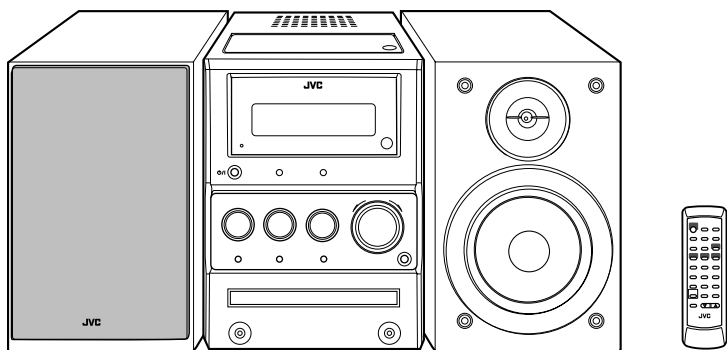
MICRO COMPONENT SYSTEM

UX-G35—Consists of CA-UXG35 and SP-UXG35
UX-G33—Consists of CA-UXG33 and SP-UXG33
UX-G30—Consists of CA-UXG30 and SP-UXG30

COMPACT disc DIGITAL AUDIO

MP3 PLAYBACK

INSTRUCTIONS

Warnings, Cautions and Others

CAUTION—⏻/I button!
Disconnect the mains plug to shut the power off completely (the STANDBY lamp goes off). When installing the apparatus, ensure that the plug is easily accessible. The ⏻/I button in any position does not disconnect the mains line.
• When the unit is on standby, the STANDBY lamp lights red.
• When the unit is turned on, the STANDBY lamp goes off.
The power can be remote controlled.

CAUTION
To reduce the risk of electrical shocks, fire, etc.:
1. Do not remove screws, covers or cabinet.
2. Do not expose this appliance to rain or moisture.

IMPORTANT FOR LASER PRODUCTS

1. CLASS 1 LASER PRODUCT
2. **CAUTION:** Do not open the top cover. There are no user serviceable parts inside the unit; leave all servicing to qualified service personnel.
3. **CAUTION:** Visible and/or invisible class 1M laser radiation when open. Do not view directly with optical instruments.

CAUTION
• Do not block the ventilation openings or holes.
  (If the ventilation openings or holes are blocked by a newspaper or cloth, etc., the heat may not be able to get out.)
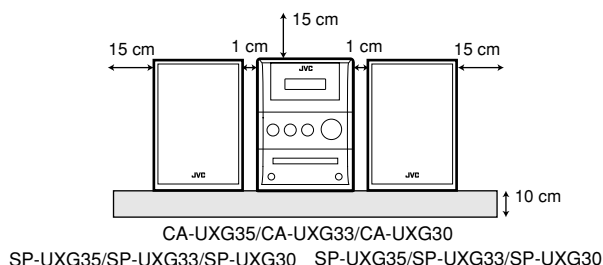• Do not place any naked flame sources, such as lighted candles, on the apparatus.
• When discarding batteries, environmental problems must be considered and local rules or laws governing the disposal of these batteries must be followed strictly.
• Do not expose this apparatus to rain, moisture, dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on the apparatus.
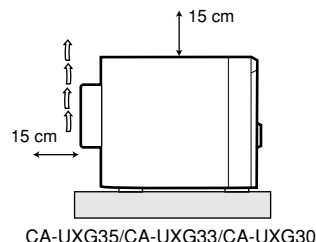

Caution: Proper Ventilation
To avoid risk of electric shock and fire, and to prevent damage, locate the apparatus as follows:
1. Front: No obstructions and open spacing.
2. Sides/Top/Back: No obstructions should be placed in the areas shown by the dimensions below.
3. Bottom: Place on the level surface. Maintain an adequate air path for ventilation by placing on a stand with a height of 10 cm or more.

Front view

15 cm 1 cm 15 cm 15 cm 15 cm

10 cm

CA-UXG35/CA-UXG33/CA-UXG30
SP-UXG35/SP-UXG33/SP-UXG30   SP-UXG35/SP-UXG33/SP-UXG30

Side view

15 cm

15 cm

CA-UXG35/CA-UXG33/CA-UXG30

[European Union Only]

Contents

Introduction

Precautions ● ● ● ● ● ● ● ● ● ●

Installation

- Install in a place which is level, dry and neither too hot nor too cold—between 5°C and 35°C.
- Install the System in a location with adequate ventilation to prevent internal heat buildup inside the System.

> ⚠️ **STOP!** DO NOT install the System in a location near heat sources, or in a place subject to direct sunlight, excessive dust or vibration.

- Leave sufficient distance between the System and the TV.
- Keep the speakers away from the TV to avoid interference with the TV.

Power sources

- When unplugging the System from the wall outlet, always pull on the plug, not the AC power cord.

> ⚠️ **STOP!** DO NOT handle the AC power cord with wet hands.

Moisture condensation

Moisture may condense on the lenses inside the System in the following cases:
- After starting to heat the room
- In a damp room
- If the System is brought directly from a cold to a warm place

Should this occur, the System may malfunction. In this case, leave the System turned on for a few hours until the moisture evaporates, unplug the AC power cord, then plug it in again.

Others

- Should any metallic object or liquid fall into the System, unplug the AC power cord and consult your dealer before operating any further.

> ⚠️ **STOP!** DO NOT disassemble the System since there are no user serviceable parts inside.

- If you are not going to operate the System for an extended period of time, unplug the AC power cord from the wall outlet.

If anything goes wrong, unplug the AC power cord and consult your dealer.

How to Read This Manual ● ● ● ● ●

- Button and control operations are explained in the table below.
- **Some related tips and notes are explained later in the sections "Learning More about This System" and "Troubleshooting," but not in the same section explaining the operations (INFO indicates that the content has some information).**

	Indicates that you press the button **briefly**.
	Indicates that you press the button **briefly and repeatedly** until an option you want is selected.
	Indicates that you press one of the buttons.
2 sec.	Indicates that you **press and hold** the button for specified seconds. • The number inside the arrow indicates the period of press (in this example, 2 seconds). • If no number is inside the arrow, press and hold until the entire procedure is complete or until you get a result you want.
	Indicates that you turn the control toward the specified direction(s).

Remote ONLY)))	Indicates that this operation is only possible using the remote control.
Main Unit ONLY ○	Indicates that this operation is only possible using the buttons and controls on the main unit.

Connections

Supplied accessories
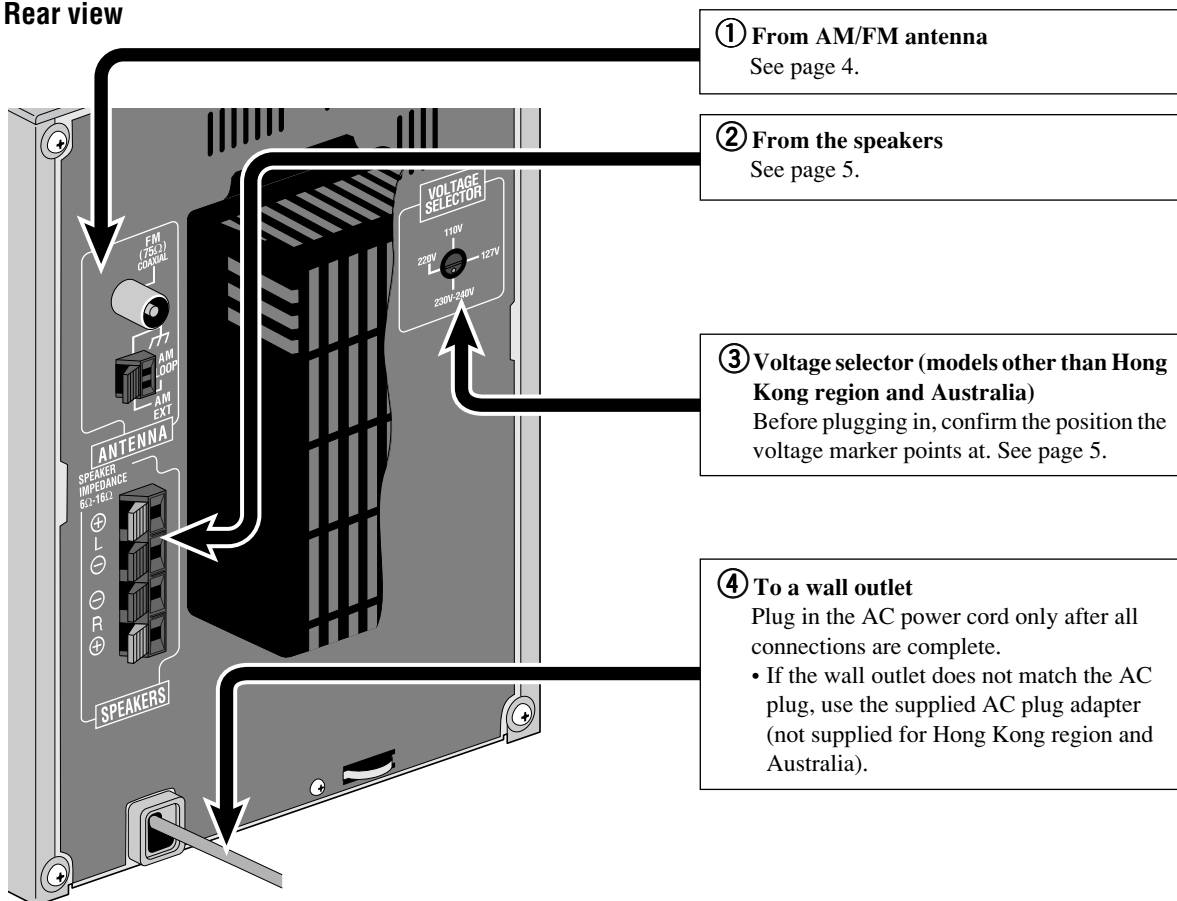After unpacking, check to be sure that you have all the following items:

- FM antenna (1)
- AM loop antenna (1)
- AC plug adapter (1) (not supplied for Hong Kong region and Australia)
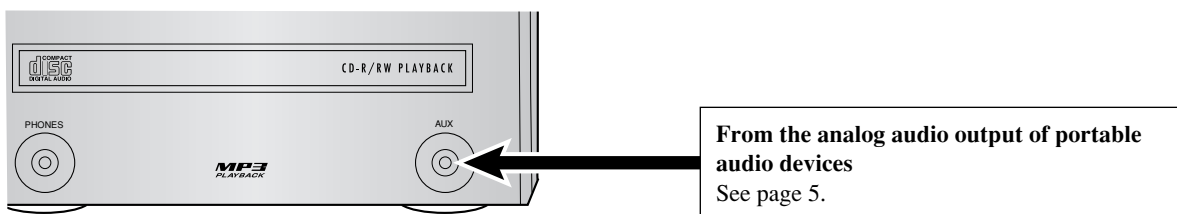- Remote control (1)
- Batteries (2)

If any item is missing, consult your dealer immediately.

Do not connect the AC power cord until all other connections have been made.
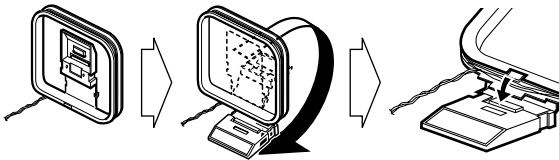
Rear view

① **From AM/FM antenna**
See page 4.

② **From the speakers**
See page 5.

③ **Voltage selector (models other than Hong Kong region and Australia)**
Before plugging in, confirm the position the voltage marker points at. See page 5.

④ **To a wall outlet**
Plug in the AC power cord only after all connections are complete.
- If the wall outlet does not match the AC plug, use the supplied AC plug adapter (not supplied for Hong Kong region and Australia).

Front view

CD-R/RW PLAYBACK

PHONES

AUX

MP3 PLAYBACK

From the analog audio output of portable audio devices
See page 5.

① **AM/FM antenna**

To assemble the AM loop antenna

To connect the AM loop antenna

FM antenna (supplied)
Extend it so that you can obtain the best reception.
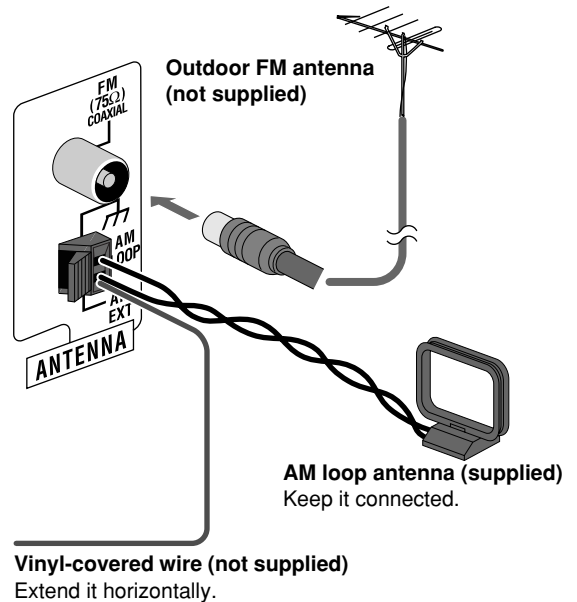
AM loop antenna (supplied)
Turn it until the best reception is obtained.
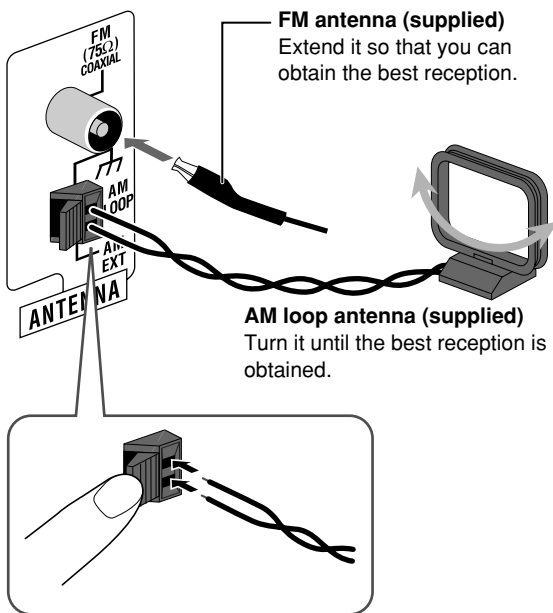
• If the AM loop antenna wire is covered with vinyl, remove the vinyl to expose the tip of the antenna by twisting the vinyl.
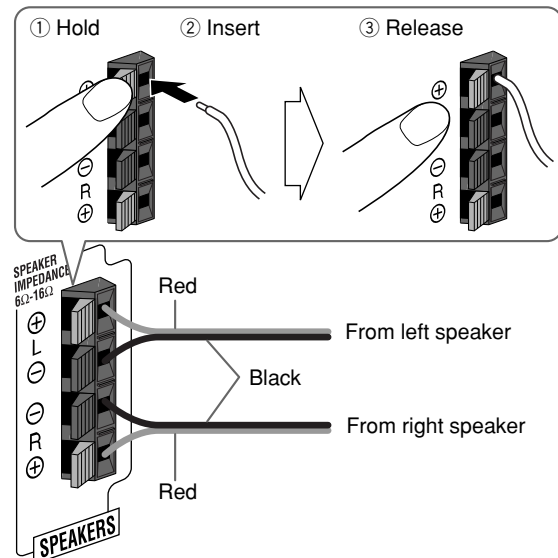
For the better AM/FM reception

Outdoor FM antenna (not supplied)

AM loop antenna (supplied)
Keep it connected.

Vinyl-covered wire (not supplied)
Extend it horizontally.

• Disconnect the supplied FM antenna, and connect to an outdoor FM antenna using a 75 Ω wire with coaxial type connector (IEC or DIN45325).
• Make sure the antenna conductors do not touch any other terminals, connecting cords, or the power cord. Also, keep the antennas away from metallic parts of the System, connecting cords, and the AC power cord. This could cause poor reception.

4

② Speakers

To connect the speaker cords
Make sure that both speakers are connected correctly and firmly.

① Hold   ② Insert   ③ Release

SPEAKER IMPEDANCE 6Ω-16Ω

⊕
L
⊖

⊖
R
⊕

SPEAKERS

Red — From left speaker

Black

Red — From right speaker

- When connecting the speaker cords, match the polarity of the speaker terminals: red cord to (+) and black cord to (–).
- If the speaker cords are covered with vinyl, remove the vinyl to expose the tip of the speaker cord by twisting the vinyl.

STOP!
- DO NOT connect more than one speaker to each terminal.
- DO NOT allow the conductor of the speaker cords to be in touch with the metallic parts of the System.

③ To adjust the voltage selector (models other than Hong Kong region and Australia)

VOLTAGE SELECTOR
110V
220V   127V
230V-240V
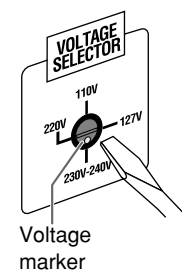
Voltage marker

Use a screwdriver to rotate the voltage selector so that the voltage marker is pointing to the same voltage as where you are plugging in the unit. (See also the back cover page.)

STOP!
DO NOT plug in before setting the voltage selector and all connection procedures are complete.

To connect a portable audio device
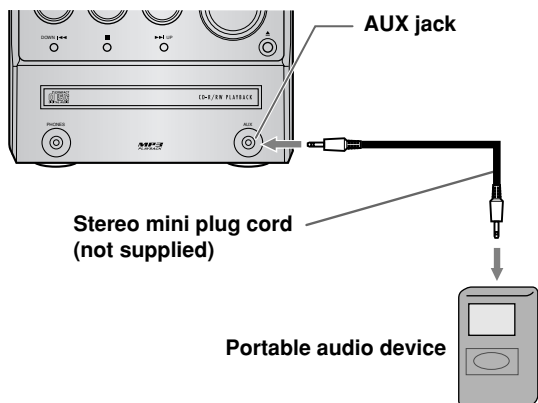
AUX jack

Stereo mini plug cord (not supplied)

Portable audio device

- By using QP Link (Quick Portable Link), you can easily start playing back a portable audio device on this unit. See page 10 for details.
- If an external device is not equipped with a stereo mini plug audio output, use a plug adapter to convert the stereo mini plug to the corresponding plug of the audio output.

Preparing the remote control ● ● ● ● ●

R03(UM-4)/AAA(24F)
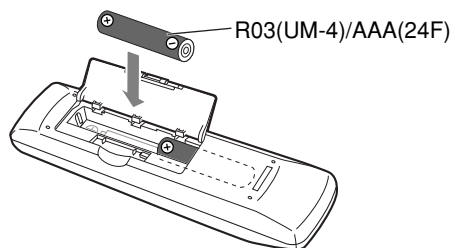
- Dispose of batteries in the proper manner, according to federal, state, and local regulations.
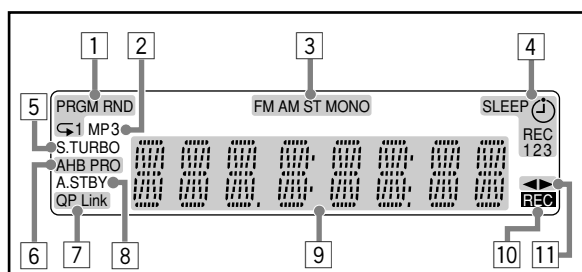
STOP!
DO NOT recharge, short, disassemble, heat the battery or dispose of it in a fire.

When using the remote control
Point the top of the remote control toward the remote sensor as directly as possible. If you operate it from a diagonal position, the operating range (approx. 5 m) may be shorter.
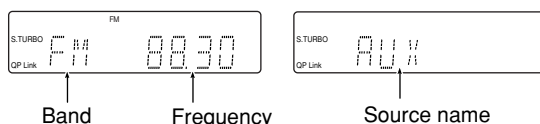
Before Operating the System

The indications on the display tell you a lot of things while you are operating the System.
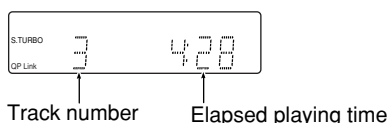**Before operating the System, be familiar with when and how the indicator illuminates on the display.**

Indications on the main display

• While listening to radio:
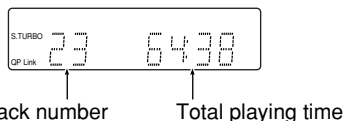

Band   Frequency

• While selecting TAPE or AUX:

Source name

• While playing a CD/MP3*:

Track number   Elapsed playing time

• While disc play is stopped:

CD:

Total track number   Total playing time

MP3:


Group number   Track number
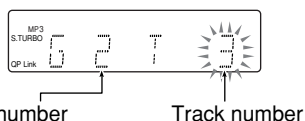
* When you start or stop playing an MP3 disc, the group (folder) number, group (folder) name, track (file) number, track (file) name (and ID3 Tag) will be shown before the elapsed playing time appears.

1 Disc operation indicators
   • PRGM (Program Play): lights when Program Play mode is activated.
   • RND (Random Play): lights when Random Play mode is activated.
   • Repeat Play:
      – ↻1: lights when One Track Repeat is activated.
      – ↻ : lights when All Track Repeat or One Group Repeat is activated.
2 MP3 indicator
   • Lights when an MP3 track is detected.
3 Radio reception indicators
   • FM: lights while receiving an FM stereo station.
      – ST (stereo): lights while an FM stereo station with sufficient signal strength is tuned in.
      – MONO: lights while receiving an FM stereo station in monaural.
   • AM: lights while receiving an AM station.
4 Timer indicators
   • ⏲ : lights when Daily Timer or Recording Timer is on standby; flashes while working or being set.
   • 1/2/3: lights when a Daily Timer (1, 2, or 3) is on standby; flashes while working or being set.
   • REC: lights when the Recording Timer is on standby; flashes while working or being set.
   • SLEEP: lights when Sleep Timer is activated.
5 S.TURBO (Sound Turbo) indicator
   • Lights when Sound Turbo is activated.
6 AHB PRO (Active Hyper Bass Pro) indicator
   • Lights when AHB Pro is activated.
7 QP Link (Quick Portable Link) indicator
   • Lights when QP Link is activated.
8 A.STBY (Auto Standby) indicator
   • Lights when Auto Standby is activated.
   • Flashes for about 3 minutes before Auto Standby turns the System off.
9 Main display
10 REC indicator
   • Lights while recording.
11 Tape operation indicators
   • ▶:
      – Lights when TAPE is selected as a source.
      – Flashes slowly during playback and recording.
      – Flashes quickly while fast-forwarding a tape.
   • ◀: flashes quickly while fast-reversing a tape.

Daily Operations—Playback
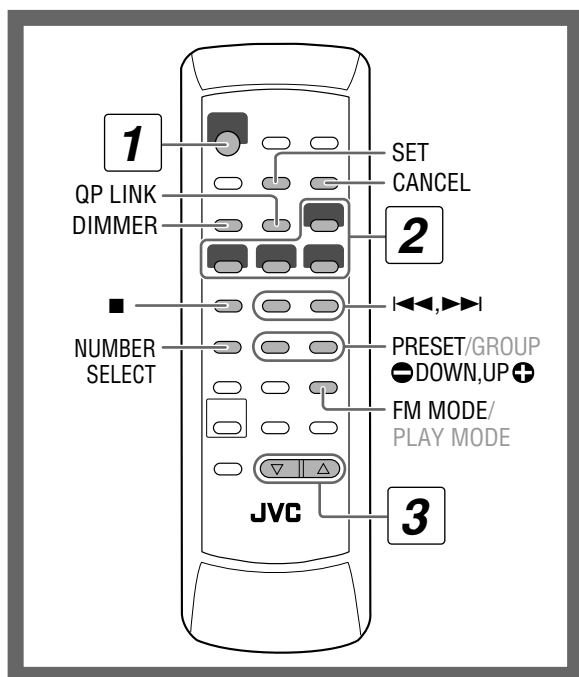
In this manual, the operations using the remote control are explained mainly; however, you can use the buttons and controls on the main unit if they have the same (or similar) name and symbol.

1 **Turn on the power.**

The STANDBY lamp on the main unit turns off.

Without pressing STANDBY/ON ⏻/I...
- The System turns on by pressing one of the source buttons.
- The System turns on and activates the AUX source by starting playback on an external device when QP Link is activated. (See page 10 for details.)

2 **Select the source.**

Playback automatically starts if the selected source is ready.

3 **Adjust the volume.**

4 **Operate the target source as explained later.**

To turn off (standby) the unit

The STANDBY lamp on the main unit lights in red.
- A small amount of power is always consumed even while on standby.

You can reduce power consumption by pressing DIMMER to turn the display off while on standby.
- When the display is turned off, QP Link does not work.

For private listening
Connect a pair of headphones to the PHONES jack on the main unit. The sound will no longer come out of the speakers. **Be sure to turn down the volume before connecting or putting on the headphones.**
- Disconnecting the headphones will activate the speakers again.

DO NOT turn off (standby) the System with the volume set to an extremely high level; otherwise, the sudden blast of sound can damage your hearing, speakers and/or headphones when you turn on the System or start playback.
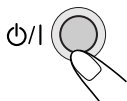
7

Listening to the Radio INFO

To select the band (FM or AM)

Remote control:	Main unit:
FM/AM → FM / AM ↑	FM/AM /AUX → FM → AM / AUX ↑
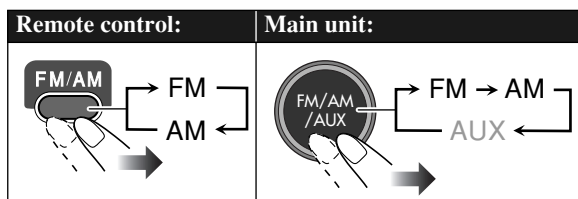
### To set the AM tuner interval spacing

Main Unit ONLY

Before operating the tuner, it is required to select the appropriate AM space interval used for your area.

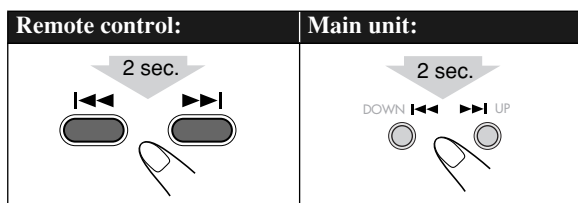1 **Select the AM band (see above).**
2 **Turn off the power.**

   ⏻/|

3 **Select the appropriate AM space interval for your area.**
   • You can only use the button and the control on the front panel.

   SOUND TURBO (hold then...)

   DOWN |◄◄   ►►| UP → 10 K (10 kHz interval)
   → 9 K (9 kHz interval)
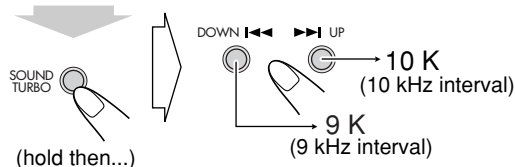
To tune in to a station

While FM or AM is selected...

Remote control:	Main unit:
2 sec. |◄◄ ►►|	2 sec. DOWN |◄◄ ►►| UP

Frequency starts changing on the display.

When a station (frequency) with sufficient signal strength is tuned in, the frequency stops changing.

• When you repeatedly press the button, the frequency changes step by step.

To stop searching manually, press |◄◄ or ►►|.

If the FM station has poor reception

Remote ONLY

FM MODE/ PLAY MODE

The MONO indicator lights on the display. Reception will improve though stereo effect is lost—Monaural reception mode.

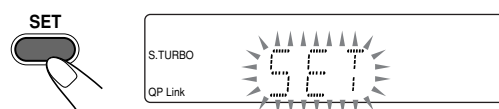**To restore the stereo effect,** press the button again (the MONO indicator disappears).

To preset the stations

Remote ONLY

You can preset 30 FM and 15 AM stations.
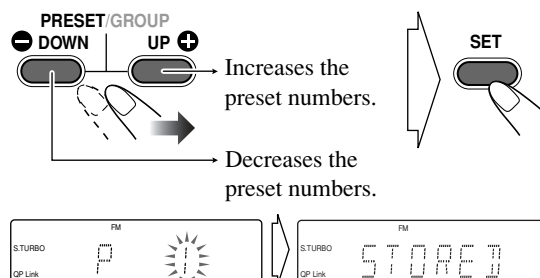
1 **Tune in to a station you want to preset.**
   • You can also store the monaural reception mode for FM preset stations if selected (see the previous column).

2 **Activate the preset number entry mode.**

   SET

   S.TURBO   SET   QP Link

   • Finish the following process while the indication on the display is flashing.

3 **Select a preset number for the station you store.**

   PRESET/GROUP
   ● DOWN   UP ●   → Increases the preset numbers.   SET

   → Decreases the preset numbers.

   S.TURBO FM   P 1   QP Link   ▷   S.TURBO FM   STORED   QP Link

To tune in to a preset station

Remote ONLY

After selecting the band, select the preset number for the preset station.

   PRESET/GROUP
   ● DOWN   UP ●   → Increases the preset numbers.
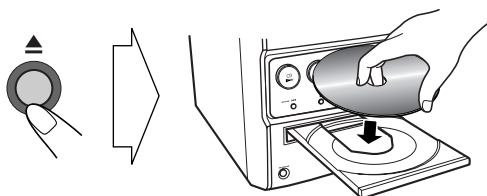
   → Decreases the preset numbers.
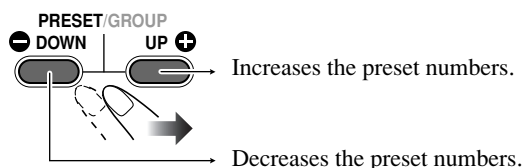
Playing Back a Disc INFO ● ● ● ● ● ●

This System can play back the following discs—regular CD and CD-R/CD-RW (recorded either in the audio CD or MP3 format).

To insert a disc

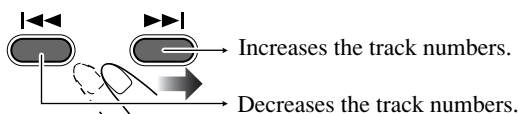You can insert a disc while playing another source.

To close the disc tray, press ⏏ again.

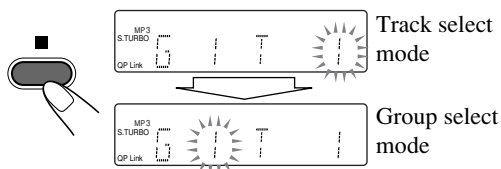• If you press CD ►/II, disc tray closes automatically and playback starts.

To start:	To pause:	To stop:
CD ►/II	CD ►/II	■
	To release, press again.	

To select a track

→ Increases the track numbers.

→ Decreases the track numbers.

To select a group (MP3 only)

1 **While disc play is stopped, activate the group select mode.**

Track select mode

Group select mode

2 **Select a group number.**
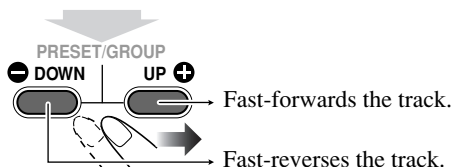

→ Increases the group numbers.

→ Decreases the group numbers.
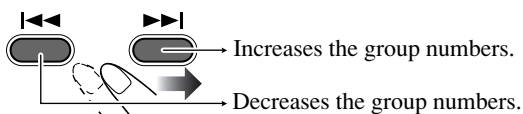
Group number and group name appear.

To locate a particular portion (Remote ONLY) »

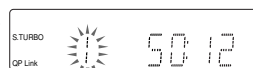While playing a disc, press and hold until the portion you want is reached.

→ Fast-forwards the track.

→ Fast-reverses the track.

To locate a track directly (Remote ONLY) »

1 **Activate the track number entry mode.**

• For regular CDs

• For MP3 discs

2 **Enter a track number you want to play back.**

→ Increases the numbers.

→ Decreases the numbers.

SET
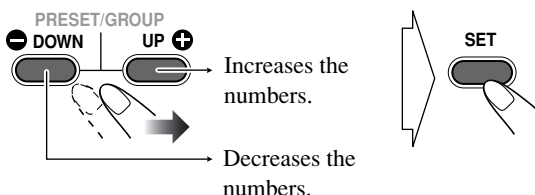
To select track numbers on an MP3 disc, enter the number in three digits. Refer to the following examples: When selecting track 24...

① Press SET to skip the first digit.
② Select "2" for the second digit pressing UP or DOWN button repeatedly, then press SET.
③ Select "4" for the last digit pressing UP or DOWN button repeatedly, then press SET or CD ►/II.

If you enter a track number that does not exist on the MP3 disc...

• During playback, your entry will be ignored and playback will continue the current track.
• While playback is stopped, disc playback will remain at the first track in the first group until press CD ►/II, then playback will start.

• To go back a step, press CANCEL.

9

Playing Back a Tape INFO ●●●●●●

To insert a tape

You can play back type I tapes only.

Push   Insert   Close
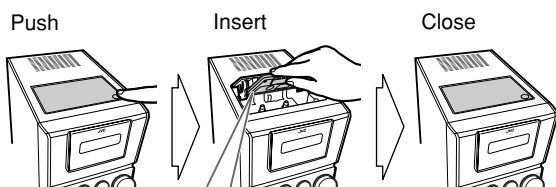
With the side you want to play back facing up

With the tape side facing outside

To activate TAPE as the source:	To start:	To stop:
TAPE	TAPE (in the TAPE mode)	■
To fast-forward/fast-reverse the tape:		

Before or after playback...

|◄◄   ►►|

→ Fast-forwards the tape.

→ Fast-reverses the tape.

To change the tape running direction, eject the tape while playback is stopped, then insert it again with the side you want to play facing up.

Playing Back a Portable Audio Device ●●

●●●●●●●●●● Remote ONLY))) INFO

By using QP Link (Quick Portable Link), you can easily start playing back a portable audio device connected to the AUX jack.
• Make sure to set the volume of your portable audio device loud enough so that the System can detect the sound signal.

To activate QP Link

QP LINK → QPL ON (Initial setting) → QPL OFF ←
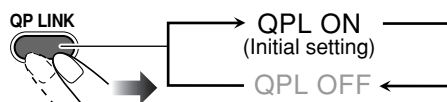
When QP Link is activated, connecting a portable device to the AUX jack and starting playback performs the following:
• While listening to another source...
  Changes the source to AUX automatically. (If you change from AUX to another source, QP Link will be canceled.)
• While the System is on standby...
  Turns on the System and activates the AUX source automatically (except when the display is turned off).
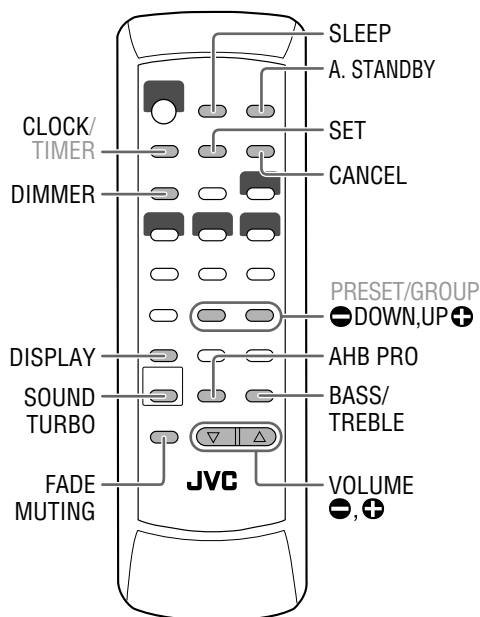
S.TURBO QP Link AUX — Bubbles appear when QP Link works.
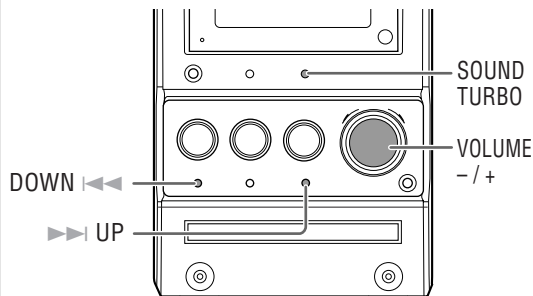
While QP Link plays back the device...
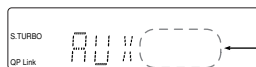
S.TURBO QP Link AUX — Bubbles disappear when the sound signal stops or is too weak.

Daily Operations—Sound&Other Adjustments

Remote control

SLEEP
A. STANDBY
CLOCK/
TIMER
SET
CANCEL
DIMMER
PRESET/GROUP
⊖DOWN,UP⊕
DISPLAY
AHB PRO
SOUND
TURBO
BASS/
TREBLE
JVC
FADE
MUTING
VOLUME
⊖,⊕

Main unit

SOUND
TURBO
VOLUME
– / +
DOWN ⏮
⏭ UP

Adjusting the Volume INFO ● ● ● ● ●

The volume level can be adjusted between "VOL MIN" and
"VOLUME 1" – "VOLUME 40 (VOL MAX)."

Remote control:	Main unit:
⊖ VOLUME ⊕	VOLUME

To drop the volume in a moment *Remote ONLY* »)
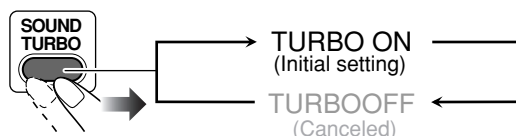
FADE
MUTING

To restore the volume, press again, or
adjust the volume level.

Adjusting the Sound INFO ● ● ● ● ● ●
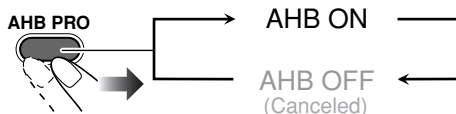
To emphasize the sound—Sound Turbo

This function emphasizes the sound.

SOUND
TURBO

→ TURBO ON
(Initial setting)
TURBOOFF
(Canceled)

To reinforce the bass sound
—AHB Pro *Remote ONLY* »)

You can reinforce the bass sound to maintain rich, full bass
at low volume—Active Hyper Bass Pro.

AHB PRO

→ AHB ON
AHB OFF
(Canceled)

• You can activate AHB Pro only while Sound Turbo is
canceled.

To adjust the tone—Bass/Treble *Remote ONLY* »)

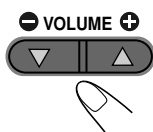You can adjust the bass and treble level from –3 to +3.

To adjust the bass

BASS/
TREBLE

→ BASS → TRE
Canceled ←

⊖ VOLUME ⊕

To adjust the treble

BASS/
TREBLE

→ BASS → TRE
Canceled ←

⊖ VOLUME ⊕

Changing the Display Brightness *Remote ONLY* »)

You can dim the display window.

DIMMER ⟶ DIM 1 ⟶ DIM 2
⟵ DIM OFF ⟵
(Initial setting)
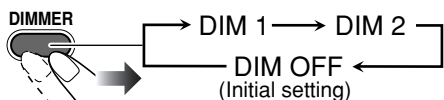
DIM 1	Dims the display and the illumination on the main unit.
DIM 2	Dims the display more than DIM 1 and turns off the illumination on the main unit.

Adjusting the Audio Input Level *Remote ONLY* »)

If the sound from a component connected to the AUX jack is too loud or is too quiet, you can change the audio input level through the AUX jack (without changing the volume level). While AUX is selected as a source...

2 sec.
SET ⟶ AUX LVL1 ⟶ AUX LVL2
⟵ AUX LVL3 ⟵
(Initial setting)
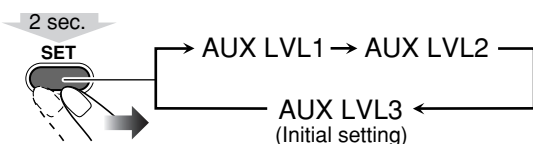
AUX LVL 1	Select this when the sound is too loud.
AUX LVL 2	AUX Level 2 is preset at the intermediate level between Level 1 and 3.
AUX LVL 3	Select this when the sound is too quiet.

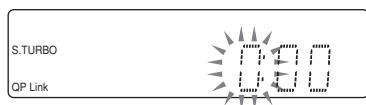## Setting the Clock *Remote ONLY* ») **INFO**

Without setting the built-in clock, you cannot use Daily Timers, Recording Timer (see page 16), and Sleep Timer.
• To exit from the clock setting, press CLOCK as required.
• To go back a step, press CANCEL.

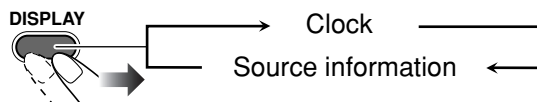### 1 Activate the clock setting mode.

CLOCK/ TIMER

S.TURBO

QP Link

• If you have already adjusted the clock before, press the button repeatedly until the clock setting mode is selected.

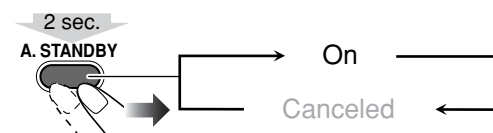### 2 Adjust the hour, then the minute.

PRESET/GROUP
⊖ DOWN   UP ⊕   **SET**
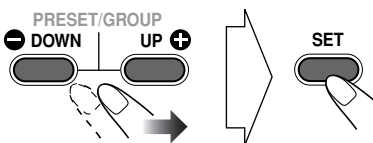
Now the built-in clock starts working.

To check the current time during play

DISPLAY ⟶ Clock
⟵ Source information ⟵

Turning Off the Power Automatically *Remote ONLY* »)

Auto Standby

2 sec.
A. STANDBY ⟶ On
⟵ Canceled ⟵

When Auto Standby is in use, the A.STBY indicator lights on the display.
The A.STBY indicator starts flashing:
• When disc or tape playback stops
• When the sound signal from the AUX jack stops or is too weak

The System will turn off (on standby) automatically if no operation is done for about 3 minutes while the indicator is flashing.

Sleep Timer

You can set the unit to turn off after a certain period of time.

1 Specify the time (in minutes).

SLEEP ⟶10⟶20⟶30⟶60⟶90⟶120⟶150⟶
⟵ Canceled ⟵
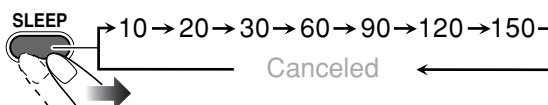
2 Wait until the set time disappears.

To check the time remaining until the shut-off time

SLEEP

S.TURBO   𝗦𝗟𝗘𝗘𝗣   𝟭𝟮   SLEEP

QP Link
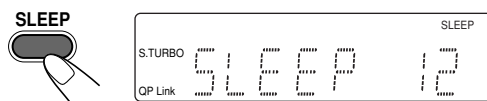
• If you press the button repeatedly, you can change the shut-off time.

Advanced Disc Operations

Remote control

SET

CANCEL

CD ►/❚❚

◄◄, ►►❘

PRESET/GROUP
⊖DOWN,UP⊕

REPEAT

FM MODE/
PLAY MODE

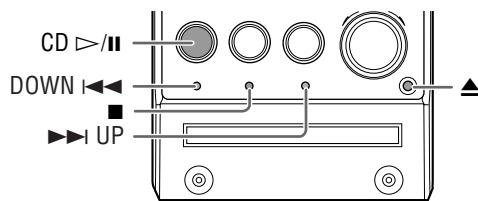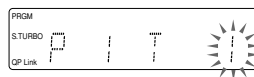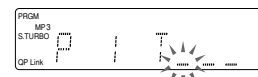## Main unit

CD ▷/❚❚

DOWN ◄◄

■

►►❘ UP

⏏

Programming the Playing Order— Program Play *Remote ONLY* »⟩ **INFO**

You can arrange the playing order of the tracks (up to 99) before you start playback.

1 Before starting playback, activate Program Play.

FM MODE/
PLAY MODE

→ PROGRAM → RANDOM ⌐
        Canceled ←
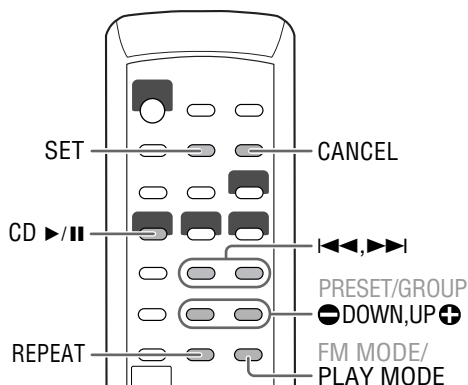
2 Select track numbers you want for Program Play.

PRESET/GROUP
⊖ DOWN   UP ⊕

→ Increases the track numbers.

→ Decreases the track numbers.

SET
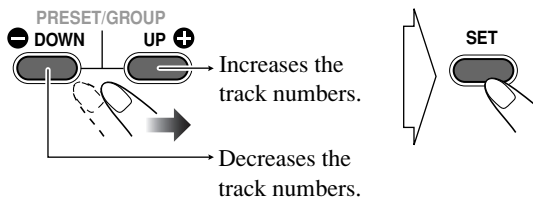
• For regular CDs

• For MP3 discs

To select track numbers on an MP3 disc, enter the number in two digits. Refer to the following examples: When selecting track 24...
① Press SET to skip the first digit.
② Select "2" for the second digit pressing UP or DOWN button repeatedly, then press SET.
③ Select "4" for the last digit pressing UP or DOWN button repeatedly, then press SET.

3 Start playback.

CD►/❚❚

The tracks you have selected are played back in the order you have programmed.

To check the programmed contents

Before playback or while playback is stopped...

◄◄   ►►❘

→ In the programmed order.

→ In the reverse order.
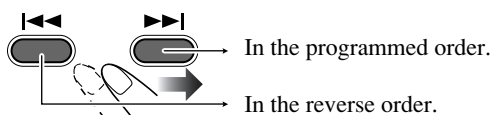
To modify the program

Before playback or while playback is stopped...

To erase the last track:	To erase the entire program:
CANCEL	2 sec. CANCEL
To add tracks in the program:	
Repeat step *2*.	

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To exit from Program Play

Before playback or while playback is stopped...

FM MODE/
PLAY MODE

PROGRAM → RANDOM
Canceled

• Exiting from Program Play erases the stored program.

Playing at Random—Random Play `Remote ONLY` »)

You can play all tracks at random.

1 Before starting playback, activate Random Play.

FM MODE/
PLAY MODE

PROGRAM → RANDOM
Canceled

RND
S.TURBO
QP Link

2 Start playback.

CD ►/❚❚

Playback starts in random order.
Random Play ends when all tracks have been played.

To exit from Random Play

Before playback or while playback is stopped...

FM MODE/
PLAY MODE

PROGRAM → RANDOM
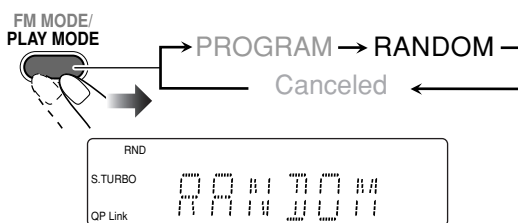Canceled

Playing Repeatedly—Repeat Play `Remote ONLY` »)

You can repeat playback.

While a regular CD is loaded...

REPEAT

REP TRK → REP ALL
REP OFF
(Canceled)
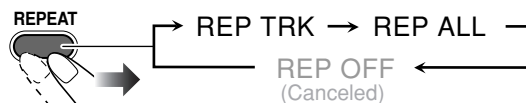
While an MP3 disc is loaded...

REPEAT

REP TRK → REP GRP
REP OFF ← REP ALL
(Canceled)
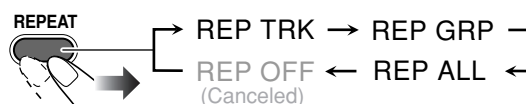
REP TRK	Repeats the current (or specified) track—One Track Repeat.
REP ALL	Repeats the disc or all programmed tracks—All Track Repeat.
REP GRP	Repeats the current group—One Group Repeat (MP3 only).

Prohibiting Disc Ejection—Child Lock `Main Unit ONLY`

You can lock the disc tray so that no one can eject the loaded disc.
• This is possible while the System is on standby.

While on standby...

LOCKED

(hold then...)
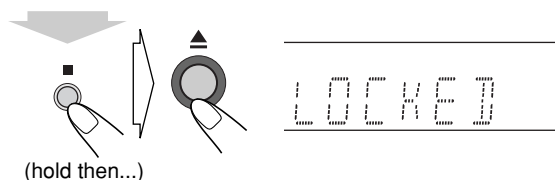
To cancel the prohibition, repeat the same procedure. "UNLOCKED" appears on the display.

Recording Operations

Main unit

REC
TAPE
CD ▷/❙❙
FM/AM/AUX
■
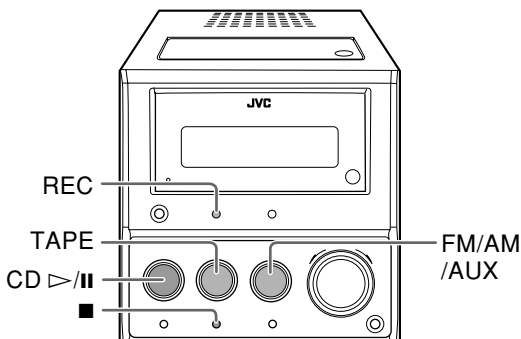
IMPORTANT
It may be unlawful to record or play back copyrighted material without the consent of the copyright owner.

Recording on a Tape *Main Unit ONLY* INFO

You can use type I tapes for recording.
• To play a tape, see page 10.
• While recording, QP Link does not work.

1 **Insert a recordable cassette with the side you want to record facing up (see page 10).**

Current source information

2 **Select and start playing the source—FM, AM, CD, or AUX.**
• When recording from a disc, you can also use "Synchronized Disc Recording" (see the next column).

3 **Start recording.**

REC

To stop recording

■

• When the current side of the tape reaches its end, recording stops.

Synchronized Disc Recording *Main Unit ONLY* INFO

You can start and stop both disc play and tape recording at the same time.

1 **Load a disc and insert a recordable cassette with the side you want to record facing up (see page 10).**
• If the current playing source is not CD, press CD ▷/❙❙, then ■.

2 **Start recording.**

REC

The System automatically creates a 4-second blank:
• Between the tunes recorded on the tape
• After the recording is stopped

• When either disc play or recording ends, both CD player and the cassette deck stop at the same time.

To record Program Play or Random Play
① Select Program Play (and make a program) or Random Play, but do not start playback.
② Press REC to start recording.

To record only your favorite track
While a track you want to record on the tape is playing...

REC

The CD player returns to the beginning of the track and the track is recorded on the tape. After recording the track, the CD player and cassette deck automatically stop.

To record from a particular portion of a track
While playing back the track...

1 **Pause when the portion you want to record is reached.**

CD ▷/❙❙

2 **Start recording.**

REC

To stop recording, press ■; otherwise, the recording continues until the disc or tape reaches its end.

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Timer Operations INFO

Remote control

STANDBY/ON
⏻/|

SET

CLOCK/
TIMER

CANCEL

|◄◄,►►|

PRESET/GROUP
⊖DOWN,UP⊕

Setting the Timer ⟨Remote ONLY⟩ »●●●●●
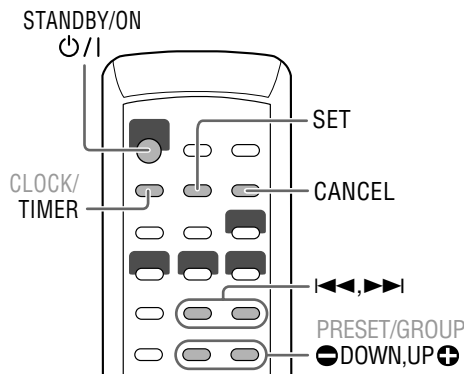
Using Daily Timer, you can wake up with your favorite
music. On the other hand, with Recording Timer, you can
make a tape of a radio broadcast automatically.
• You can store three Daily Timer settings and one
  Recording Timer setting; however, you can activate only
  one timer at a time.
• To exit from the timer setting, press TIMER as required.
• To correct a misentry during the process, press CANCEL.
  You can return to the previous step.

Daily Timer initial settings when shipped from the factory
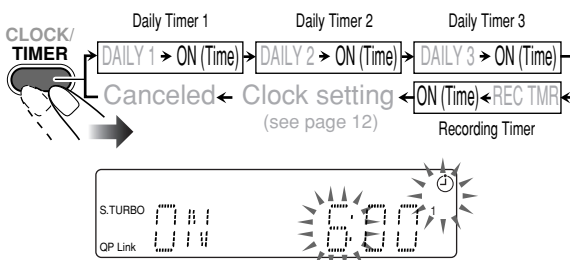• Daily 1: ON Time (6:00)/Source (TUNER)/
            Volume level (8)
• Daily 2: ON Time (7:00)/Source (TUNER)/
            Volume level (8)
• Daily 3: ON Time (10:00)/Source (TUNER)/
            Volume level (8)

---

1 **Select one of the timer setting modes you want to set—**
   Daily 1 ON time, Daily 2 ON time, Daily 3 ON time, or
   Recording Timer ON time.

CLOCK/
TIMER

Daily Timer 1   Daily Timer 2   Daily Timer 3
DAILY 1 → ON (Time) → DAILY 2 → ON (Time) → DAILY 3 → ON (Time)
Canceled ← Clock setting ← ON (Time) ← REC TMR
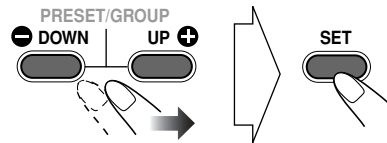   (see page 12)   Recording Timer

S.TURBO
QP Link

Ex. When Daily Timer 1 setting mode is selected

• When the clock has not been adjusted, pressing TIMER
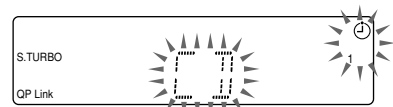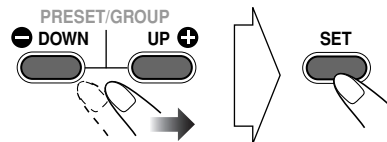 makes the System enter the clock setting mode.

---

2 **Make the timer setting as you want.**
   For Daily Timers:
   ① **Set the hour then the minute for on-time.**

   PRESET/GROUP
   ⊖ DOWN   UP ⊕   SET

   ② **Select the playback source—"TUNER," "CD," or**
      "TAPE."
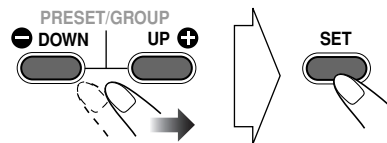
   PRESET/GROUP
   ⊖ DOWN   UP ⊕   SET

   S.TURBO

   QP Link

   ③ **Select the volume level.**

   PRESET/GROUP
   ⊖ DOWN   UP ⊕   SET

   • You can select the volume level ("VOLUME 1" to
     "VOLUME 40" and "VOLUME – –"). If you select
     "VOLUME – –," the volume is set to the last level
     when the unit has been turned off.

   For Recording Timer:
   ① **Set on-time, then off-time.**

   PRESET/GROUP
   ⊖ DOWN   UP ⊕   SET

   ② **Select "FM" or "AM," then a preset station**
      number.

   PRESET/GROUP
   ⊖ DOWN   UP ⊕ |◄◄   ►►|

   SET

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③ **Select the volume level.**

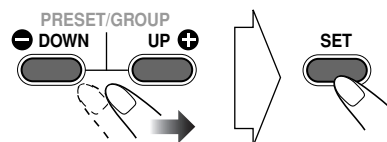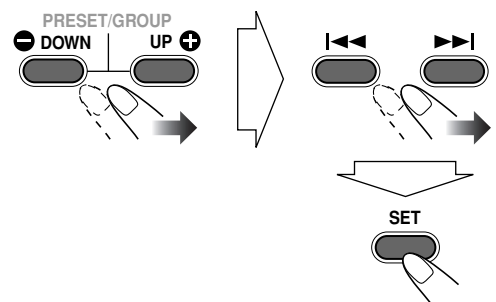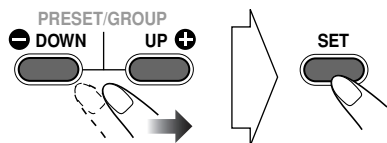- You can select the volume level ("VOLUME 1" to "VOLUME 40" and "VOLUME – –"). If you select "VOLUME – –," the volume is set to the last level when the unit has been turned off.

3 **Turn off the unit (on standby) if you have set the on-time.**

How Daily Timer works

Once the Daily Timer has been set, the timer indicator (⏲) and timer number indicator (1/2/3) are lit on the display. Daily Timer is activated at the same time everyday until the timer is turned off manually (see the next column) or another Daily Timer is activated.

When the on-time comes

The System turns on, tunes in to the last received station or start playing the loaded disc, and sets the volume level gradually to the preset level.

About one hour after playback starts, the System stops playback, and turns off (standby) automatically.
- The timer setting remains in memory until you change it.
- Without canceling the Daily Timer, you can change the source or adjust the volume after Daily Timer starts playback.

How Recording Timer works

When Recording Timer has been set, the timer indicator (⏲) and REC indicator are lit on the display. Recording Timer works only once.

When the on-time comes

The System turns on, tunes in to the specified station, sets the volume level to the preset level, and starts recording.

When the off-time comes

The System stops recording, and turns off (standby).
- The timer setting remains in memory until you change it.

To turn off the Timer after its setting is done

Since Daily Timer is activated at the same time everyday, you may need to cancel it on some particular days.

1 **Select the Timer you want to cancel.**
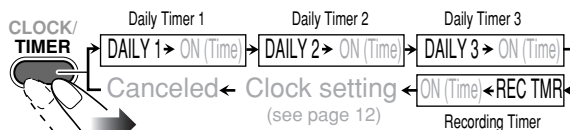
Ex. When Daily Timer 1

2 **Turn off the selected Timer.**

To turn on the Timer again, repeat the above steps and press in step **2**...

Additional Information

Learning More about This System ● ● ●

Daily Operations—Playback (see pages 7 to 10)
Listening to the Radio:
- If you store a new station into an occupied preset number, the previously stored station in that number will be erased.
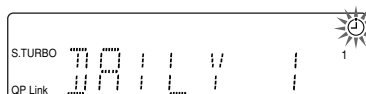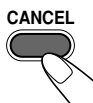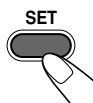- When you unplug the AC power cord or if a power failure occurs, the preset stations will be erased in a few days. If this happens, preset the stations again.

Playing Back a Disc:
- When using an 8 cm disc, place it on the inner circle of the disc tray.
- This System cannot play "packet write" discs.
- For MP3 playback...
  – MP3 discs require a longer readout time than regular CDs. (It depends on the complexity of the group/file configuration.)
  – Some MP3 files cannot be played back and will be skipped. This results from their recording processes and conditions.
  – When making MP3 discs, use ISO 9660 Level 1 or Level 2 for the disc format.
  – This system can play back MP3 files with the extension code <.mp3> (regardless of the letter case—upper/lower).
  – It is recommended that you make each MP3 file at a sampling rate of 44.1 kHz and at a bit rate of 128 kbps. This System cannot play back files made at a bit rate of less than 64 kbps.
  – Playback order of MP3 tracks may be different from what you have intended when recording (see below). If a folder does not include MP3 tracks, they are ignored.
  – This System plays back MP3 tracks as follows.
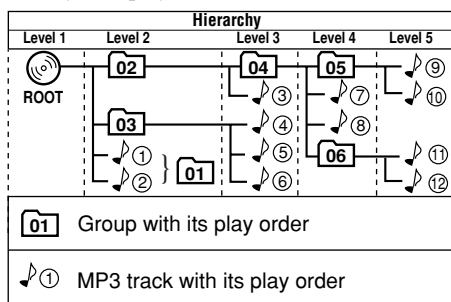
- This System can recognize up to 999 tracks in a disc. Also, the System can recognize up to 256 tracks per group and up to 99 groups in a disc.
  – Even if a folder contains no playable files, the folder is also counted in the total folder number.
  – Playable files which do not belong to any groups are handled as Group 1.

Playing Back a Tape:
- It is not recommended to use the C-120 or longer tapes. These tapes easily jam in the pinch rollers and the capstans, and may cause characteristic deterioration.
- If you start playback with no cassette inserted, the System tries to play back without displaying a notice.

Playing Back a Portable Audio Device:
- When QP Link fails due to a weak sound signal from the AUX jack, Auto Standby may turn the System off even if you can hear the sound from the speakers.
  In such cases, adjust the volume level of the component louder so that the System can detect the sound signal properly.
- Changing from AUX to another source while QP Link works will deactivate QP Link temporarily.
  In this case, the following reactivates QP Link:
  – Pressing QP LINK on the remote control
  – Unplugging the component from the AUX jack, then plugging it in again
- If you press STANDBY/ON ⏻/| to turn the System off or if preset Timer turns the System off while QP Link works, the System will deactivate QP Link temporarily.
  In such cases, the following reactivates QP Link:
  – When the sound signal from the AUX jack stops or is too weak for about 30 seconds after the System is turned off
  – When you turn on the power again
- QP Link may start working when you just plug in the component to the AUX jack or unplug it. This is not a malfunction.
- 10 seconds before preset Recording Timer starts working, the System will deactivate QP Link temporarily until the following happens:
  – Recording off-time comes.
  – Recording is stopped manually.

Daily Operations—Sound&Other Adjustments
(see pages 11 and 12)
Adjusting the Volume:
- Be sure to turn down the volume before connecting or putting on the headphones.

Adjusting the Sound:
- This function also affects the sound through the headphones.
- This function does not affect recording.

Setting the Clock:
- "0:00" will flash on the display until you set the clock.
- The clock may gain or lose 1 to 2 minutes per month. If this happens, reset the clock.

Advanced Disc Operations (see pages 13 and 14)
**Programming the Playing Order—Program Play:**
- You cannot specify a group number of an MP3 disc for Program Play.
- If you try to program the 100th track, "FULL" appears on the display.

Recording Operations (see page 15)
Recording on a Tape:
- The recording level is automatically set correctly. Thus, you can adjust the sound without affecting the recording level.
- There is leader tape which cannot be recorded onto at the start and end of cassette tapes. Thus, when recording from CD or radio broadcast, wind the leader tape first to ensure that the recording will be made without any music part lost.
- If you try to start recording with no cassette inserted or with a protected tape, your request will be ignored and "NO REC" appears on the display.

Synchronized Disc Recording:
- When the tape reaches its end while recording, recording stops even though the disc is not entirely recorded.
- You cannot open the disc tray while recording from CD.
  – If you press ▲ button while recording from CD, "REC" appears on the display.
- You cannot activate Repeat Play while recording.

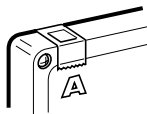**To protect your recording**
Cassettes have two small tabs on the back to protect from unexpected erasure or re-recording.
To protect your recording, remove these tabs.

To re-record on a protected tape, cover the holes with adhesive tape.

Timer Operations (see pages 16 and 17)
- When you unplug the AC power cord or if a power failure occurs, the timer will be canceled. You need to set the clock first, then the timer again.
- Without stopping the recording, you cannot change the source after Recording Timer starts recording.
- If you set Sleep Timer after Recording Timer starts recording, recording continues until Sleep Timer turns off the power.

Troubleshooting ● ● ● ● ● ● ● ● ●

If you are having a problem with your System, check this list for a possible solution before calling for service.

General:
Adjustments or settings are suddenly canceled before you finish.
⇨ There is a time limit. Repeat the procedure again.
Operations are disabled.
⇨ The built-in microprocessor may malfunction due to external electrical interference. Unplug the AC power cord and then plug it back in.
Unable to operate the System from the remote control.
⇨ The path between the remote control and the remote sensor on the System is blocked.
⇨ The batteries are exhausted.
No sound is heard.
⇨ Speaker connections are incorrect or loose.
⇨ Headphones are connected.

Radio Operations:
Hard to hear broadcasts because of noise.
⇨ Antennas connections are incorrect or loose.
⇨ The AM loop antenna is too close to the System.
⇨ The FM antenna is not properly extended and positioned.

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Disc Operations:

The disc does not play.

⇒ The disc is placed upside down. Place the disc with the label side up.

ID3 Tag on an MP3 disc cannot be shown.

⇒ There are two types of ID3 Tag—Version 1 and Version 2. This System can only show ID3 Tag Version 1.

MP3 groups and tracks are not played back as you expect.

⇒ The playing order is determined when the disc was recorded. It depends on the writing application.

The disc sound is discontinuous.

⇒ The disc is scratched or dirty.

The disc tray does not open or close.

⇒ The AC power cord is not plugged in.

⇒ Child Lock is in use (see page 14).

Tape Operations:

The cassette holder cannot be opened.

⇒ Power supply from the AC power cord has been cut off while the tape was running. Turn on the System.

Recordings:

Impossible to record.

⇒ Small tabs on the back of the cassette are removed. Cover the holes with adhesive tape.

Timer Operations:

Daily Timer and Recording Timer do not work.

⇒ The System has been turned on when the on-time comes. Timer starts working only when the System is turned off.

Maintenance ●●●●●●●●●●

To get the best performance of the System, keep your discs, cassette tapes, and mechanism clean.

Handling discs

• When removing the disc from its case, hold it at the edge while pressing the center hole lightly.

• Do not touch the shiny surface of the disc, or bend the disc.

• Put the disc back in its case after use to prevent warping.

• Be careful not to scratch the surface of the disc.

• Avoid exposure to direct sunlight, extreme temperature, and moisture.

To clean the disc:

• Wipe the disc with a soft cloth in a straight line from center to edge.

Handling cassette tapes

• If the tape is loose in its cassette, take up the slack by inserting a pencil in one of the reels and rotate it.
  – If the tape is loose, it may get stretched, cut, or caught in the cassette.

• Be careful not to touch the tape surface.

• Avoid the following places to store the tape—in dusty places, in direct sunlight or heat, in moist areas, on a TV or speaker, or near a magnet.

To keep the best recording and playback sound quality:

• Use a cotton swab moistened with alcohol to clean the heads, capstans, and pinch rollers.

• Use a head demagnetizer (available at electronics and audio shops) to demagnetize the heads (when the System is turned off).

Cleaning the System

• Stains should be wiped off with a soft cloth. If the System is heavily stained, wipe it with a cloth soaked in water-diluted neutral detergent and wrung well, then wipe clean with a dry cloth.

• Since the System may deteriorate in quality, become damaged or have its paint peeled off, be careful about the following:
  – DO NOT wipe it with a hard cloth.
  – DO NOT wipe it forcefully.
  – DO NOT wipe it with thinner or benzine.
  – DO NOT apply any volatile substance such as insecticides to it.
  – DO NOT allow any rubber or plastic to remain in contact for a long time.

To remove the speaker grilles:

Holes   Projections

Speaker grille
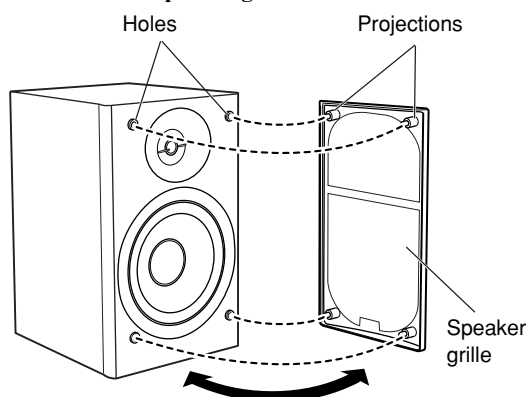
Specifications ●●● ●●●●●●●●●

Amplifier section

Output Power: 60 W (30 W + 30 W) at 6 Ω (10% THD)
Speakers/Impedance: 6 Ω – 16 Ω
Audio Input   AUX: 500 mV/50 kΩ (at "AUX LVL 1")
                    250 mV/50 kΩ (at "AUX LVL 2")
                    125 mV/50 kΩ (at "AUX LVL 3")

Tuner section

FM tuning range: 87.50 MHz – 108.00 MHz
AM tuning range:
    531 kHz – 1 710 kHz (at 9 kHz intervals)
    530 kHz – 1 710 kHz (at 10 kHz intervals)

CD player section

Dynamic range: 88 dB
Signal-to-noise ratio: 93 dB
Wow and flutter: Immeasurable

Cassette deck section

Frequency response:
    Normal (type I): 50 Hz – 14 000 Hz
Wow and flutter: 0.15% (WRMS)

Speakers

Speaker units: 10 cm cone x 1 + 1.5 cm dome x 1
Impedance: 6 Ω
Dimensions (approx.): 140 mm x 231 mm x 195 mm
                        (W/H/D)
Mass (approx.): 1.7 kg each

Supplied Accessories

See page 3.

General

Power requirement:
    For models other than Hong Kong region and Australia:
        AC 110 V/AC 127 V/AC 220 V/
        AC 230 V – 240 V ∿ , 50 Hz/60 Hz (adjustable
        with the voltage selector)
    For Hong Kong region: AC 220 V ∿ , 50 Hz
    For Australia: AC 240 V ∿ , 50 Hz
Power consumption:
    For models other than Hong Kong region and Australia:
        60 W (at operation)
        14.8 W (on standby/display on)
        3.8 W (on standby/display off)
    For Hong Kong region: 50 W (at operation)
                        9.5 W (on standby/display on)
                        1.1 W (on standby/display off)
    For Australia: 50 W (at operation)
                    10 W (on standby/display on)
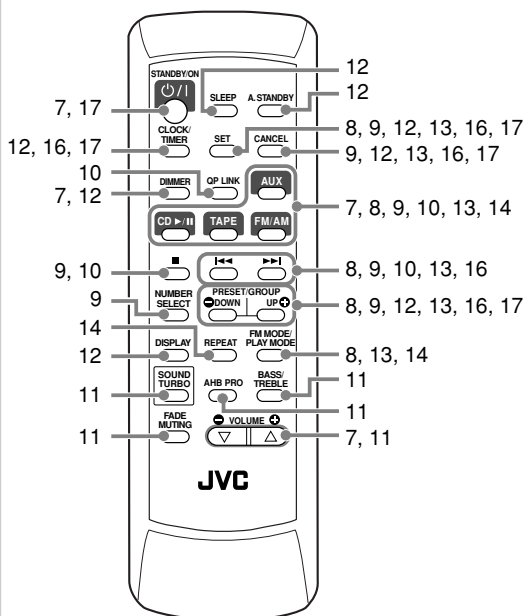   1.3 W (on standby/display off)

Dimensions (approx.): 165 mm x 231 mm x 328 mm
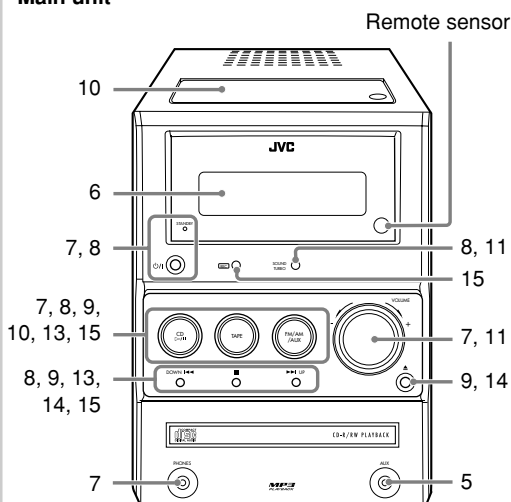   (W/H/D)

Mass (approx.): 4.5 kg

Parts Index ●●●● ●●●●●●●●●

Refer to the pages to see how to use the buttons and controls.

Remote control

Main unit
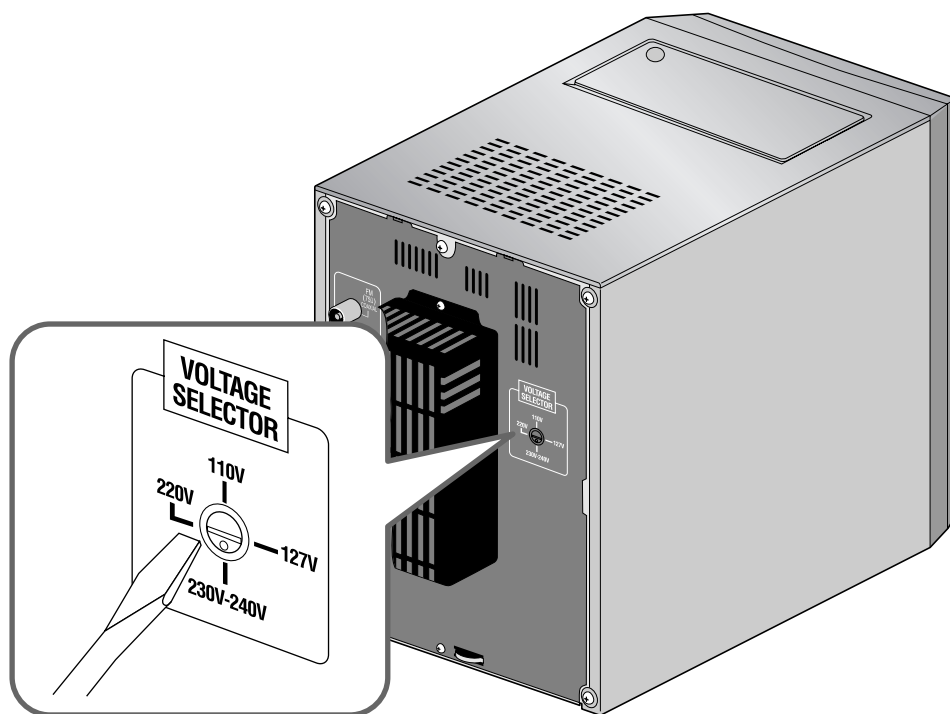
Remote sensor

Mains (AC) Line Instruction (not applicable for Europe, U.S.A., Canada, Australia, U.K., and Hong Kong region)

(Models other than Australia and Hong Kong region)

CAUTION for mains (AC) line
BEFORE PLUGGING IN, do check that your mains (AC) line voltage corresponds with the position of the voltage selector switch provided on the outside of this equipment and, if different, reset the voltage selector switch, to prevent from a damage or risk of fire/electric shock.

JVC